

# **Appendix D**

## **BRS Databases and Their Associated Indexes**

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US Patents Full-Text Database  
(USPAT)

(USPAT) SEARCH FIELD DESCRIPTION	INDEX NAME	Comments
Application Type, Document Kind Code	[AT] [KD]	
Application Number (series code used in APS, not in BRS)	[AP] [APN]	
Application Filing Date	[AD] [FD] *	
Application Filing Year	[AY] *	
U.S. Document Identifier, Patent Number	[DID] [PN]	
Patent Issue Date	[PD] *	
Patent Issue Year	[PY] *	
Assignee Name (Single Word) - use for Dictionary function in BRS	[ASN]	
Assignee Name (Bound Phrase) + single words in BRS	[AS]	
Assignee City	[ASCI]	
Assignee State	[ASST]	
Assignee Country Code	[ASCO]	
Assignee Zip Code	[ASZP]	
Assignee Type Code	[ASTC] *	
Patent Title	[TI]	
Everything	None	BRS default
Basic Index	[BI]	
Abstract	[AB]	
Brief Summary	[BSUM]	New! (6/99)
Detailed Description	[DETD]	New! (6/99)
Brief Summary or Detailed Description	[BIS]	
Drawing Description	[DRWD]	New! (6/99)
Claims	[CLM]	
Design claims	[DCLM]	New! (6/99)
Current U.S. Classification Information	[CCLS]	
Current U.S. Original Classification	[COR]	
Current U.S. Cross-Reference Classification	[CXRI]	
Issued U.S. Classification Information	[ICLS]	
Issued U.S. Original Classification	[IOR]	

US Patents Full-Text Database  
(USPAT)

(USPAT) SEARCH FIELD DESCRIPTION	INDEX NAME	Comments
Issued U.S. Cross-Reference Classification	[CIXR] [IXR]	
Inventor Name (Bound Phrase) + single words in BRS	[IN]	
Inventor City	[INC]	
Inventor State	[INST]	
Inventor Country	[INCO]	
Inventor Zip Code	[INZP]	
Inventor Name (Single Word) - use for Dictionary function in BRS	[INV]	
Attorney, Agent or Firm	[ATT]	
International Classification	[IPC]	
IPC Edition	[IPC] [PCE]	
Rule 47 Indicator	4.R47X	
Disclaimer Date	[DD] *	
Field of Search	[FS]	
Government Interest	[GI]	
Foreign Priority Application Information	[PRAI] *	New! (6/99)
Foreign Priority Application Date	[PRAD] *	
Foreign Priority Application Number	[PRAN] *	
Foreign Priority Application Year	[PRAY] *	New! (6/99)
Foreign Priority Application Country Code	[PRCO]	
PCT Number	[PCT] [PTAN]	
PCT Filing Date	[PTAD] *	
PCT 102 (e) Date	[PT1D] *	
PCT 371 Date	[PT3D] *	
PCT Publication Number	[PTPN]	
PCT Publication Date	[PTPD]	
Reissue Patent Number	[REPN]	
Reissue Issue Date	[REPD]	
Reissue Application Number	[REAN]	
Reissue Application Filing Date	[READ] [REFD] *	
Related Application Number	[RLAN]	

US Patents Full-Text Database  
(USPAT)

(USPAT) SEARCH FIELD DESCRIPTION	INDEX NAME	Comments
Related Application Filing Date	[RLAD] [RLFD]*	
Related Application Patent Number	[RLPN]	
Related Application Issue Date	[RLPD]	
Parent Case Information	[PARN]	New! (6/99)
References Cited: Foreign Patent Documents	[FREF]	
Foreign Reference Patent Date	[FRPD]	
Foreign Reference Country Code	[FRCD]	New! (6/99)
References Cited: Other Publications	[OREF]	
References Cited: U.S. Patent Documents	[UREF]	
Assistant Examiner	[XA]	
Primary Examiner	[XP]	
Art Unit	[ART] [UNIT]	

\* indicates that the index is a numeric index



JPO Abstracts Database  
(JPO)

(JPO) SEARCH FIELD DESCRIPTION	INDEX NAME	Includes both Basic and Equivalent abstracts. For all US and examined DE, EP and GB patent documents. For EP and GB, equivalent abstracts are actually Claim 1.
Abstract	[AB]	
Applicant Country	[ASCO]	Search as two letter country code.
Applicant Name	[ASN]	
Application Date	[AD]	All dates searched in format YYYYMMDD
Application Number	[AP]	
Application Year	[AY]	
Basic Index	[BI]	Words from title, abstract and additional terms.
Data Source	[DSRC]	
Document Identifier	[DID]	
International Classification	[IPC]	Search as AnnAnnn/nnnn. Search IPC index terms as AnnAnnn:nnnn
International Classification, Informational	[IPCI]	
International Classification, Main	[IPCO]	
International Classification, Secondary	[IPCX]	
Inventor Country	[INCO]	Search as two letter country code.
Inventor Name	[INV]	Search as LAST_NAME-INITIALS(s). Field is bound and double posted. ** Examples: RENSHAW-D-M.IN. RENSHAW.IN. KIMBALL-R\$.IN.
Inventor Name (Derived)	[IN]	
Publication Date	[PD]	All dates searched in format YYYYMMDD
Publication Year	[PY]	
Title	[TI]	
Work Unit Number	[WKU]	

\*\* Terms in fields that are bound and double-posted may be searched as either the bound phrase with hyphens or as individual terms.

EPO SEARCH FIELD DESCRIPTION		INDEX NAME	Comments
Abstract	[AB]		Includes both Basic and Equivalent abstract text. Equivalent abstracts are available for all US and examined DE, EP, and GB patent documents. For EP and GB, equivalent abstracts are actually Claim 1.
Applicant Country	[ASCO]		Search as two letter country code
Applicant	[APPL]		
Applicant Name	[AS] [ASNI]		
Applicant Name Derived	[PSI]		
Application Date	[AD]		All dates searched in format YYYYMMDD
Application Number	[AP]		
Application Year	[AY]		
Basic Index	[BI]		Words from title, abstract and additional terms.
Data Source	[DSRC]		
Data Loaded	[LODT]		All dates searched in format YYYYMMDD
Document Identifier	[DOI]		
European Classification	[EPC]		
European Classification, Main	[EPCO]		
European Classification, Secondary	[EPCX]		
International Classification	[IPC]		Search as AnyAnyAnyAny. Search IPC index terms as AnyAnyAnyAny
International Classification, Informational	[IPCII]		
International Classification, Main	[IPCO]		
International Classification, Secondary	[IPCX]		
Inventor Country	[INCO]		Search as two letter country code
Inventor Name	[INV]		Search as LAST_NAME,INITIAL(s). Field is bound and double posted.** Examples: RENSHAW-D.M.IN. KIMBALL-RS.IN.
Inventor Name (Derived)	[INI]		
Priority Date	[PRAD] [PRPD]		All dates searched in format YYYYMMDD
Priority Information, Derived	[PRAI]		
Priority Number	[PRNI]		
Priority Year	[PRAY] [PRY]		
Publication Date	[PD]		All dates searched in format YYYYMMDD
Publication Year	[PY]		
Title	[TI]		
Word Limit Number	[WKU]		

\*\* Terms in fields that are bound and double-posted may be searched as either the bound phrase with hyphens or as individual terms.

Derwent World Patents Index  
(DWPI)

(DWPI) SEARCH FIELD DESCRIPTION	INDEX NAME	Comments
Entire record	none	Unqualified terms are automatically searched across the entire database
Basic Index	[BI]	Words from the title, abstract, title terms and additional terms
Derwent Accession Number	[ANI], [ACC]	Search as YYYYMMWW
Derwent Week	[DW]	Includes country code, patent document serial number, and kind-of-document code. Search as CC-nnnnnnnn-KK. Field is bound and double-posted **
Patent Document Identifier	[DID]	Examples: JP-08223552-A.DID. JP-08223552-\$.DID AU-9642727-A.DID. (AU ADJ 9642727).DID. 9642727.DID. JP.DID.
Patent Country	[PC], [CC]	Search as two-letter country code
Patent Document Number	[PN]	Number only
Patent Kind Code	[KD], [AT], [PK]	Standard 1- or 2-character code
Count of Patent Countries	[CNC]	
Count of Patents in a Patent Family	[PNC]	
Length of Specification, in Pages	[PPSP]	
Language of Specification	[LA]	Provided for EP, WO and CH patent documents. Single character code (e.g. E = English, F = French, G = German, J = Japanese, S = Spanish, etc.)
Designated States	[DS]	Search as two-letter country code
Publication Date	[PD]	
Publication Year	[PY]	
Title	[TI]	
Inventor	[IN]	Search as LAST_NAME-INITIAL(s). Field is bound and double-posted.** Examples: RENSCHAW-D-M.IN. RENSCHAW.IN. KIMBALL-RS.IN.
Patent Assignee Name	[AS], [PA]	PLEASE NOTE THAT DERWENT ONLY RECOGNIZES THE INITIALS FOR FIRST AND MIDDLE NAMES.
	[ASN], [PAN]	Field is bound and double-posted.**
Patent Assignee Code	[ASC], [PAC]	Single term. This index is useful for expanding on part of an assignee name. Derwent-assigned codes, 5 characters. Examples: DAIM 4 chars. -> Standard company code DAIMI 5th char. "I" -> Individual as assignee DAIMR 5th char. "R" -> Russian institute as assignee DAIMN 5th char. "N" -> Non-standard company code

\* All dates are searched in the form YYYYMMDD.

\*\* Terms in fields that are bound and double-posted may be searched either as the bound phrase, with hyphens between each term in the phrase, or as individual terms.

PLEASE NOTE THAT DERWENT ONLY RECOGNIZES THE INITIALS FOR FIRST AND MIDDLE NAMES.



(All Files) SEARCH FIELD DESCRIPTION		INDEX NAME	Comments
Applicant Name, Derived	[AS]		
Application Date	[AD], [FD]		All dates searched in format YYYYMMDD
Application Serial Number	[PFAP]		
Application Year	[AY]		
Assignee Name	[ASN], [ASNM]		
Basic Abstract Text	[AB]		
Basic Index	[BI]		Words from title, abstract and additional terms.
Document Identifier	[DID]		
International Classification	[IPC]		Search as AnnAnnn/nnnn. Search IPC index terms as AnnAnnn:nnnn
Inventor Name	[IN], [INV]		Search as [last_name]-[initial(s)] Field is bound and double posted. ** Examples: RENSHAW-D-M.IN. RENSHAW.IN. KIMBALL-R\$.IN.
Patent Serial Number	[PN]		
Publication Date	[PD]		All dates searched in format YYYYMMDD
Publication Year	[PY]		
Title	[TI]		

\*\* Terms in fields that are bound and double-posted may be searched as either the bound phrase with hyphens or as individual terms.

1. The first part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present and for the development of a sound policy for the future. The author points out that the study of history is not only a means of satisfying a natural curiosity about the past, but also a means of developing a sense of responsibility for the future.

2. The second part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present and for the development of a sound policy for the future. The author points out that the study of history is not only a means of satisfying a natural curiosity about the past, but also a means of developing a sense of responsibility for the future.

3. The third part of the paper discusses the importance of the study of the history of the United States. It is argued that a knowledge of the past is essential for a full understanding of the present and for the development of a sound policy for the future. The author points out that the study of history is not only a means of satisfying a natural curiosity about the past, but also a means of developing a sense of responsibility for the future.

## **Appendix E**

### **Indexes “Not Stopworded”**

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# Non-Stopworded Indexes

Index Name	Description
PN	Patent Number
DID	Document Identifier
AP	Application Number
KD	Document Kind Code
XA	Primary Examiner
XP	Assistant Examiner
IN	Inventor Name
INCI	Inventor City
INST	Inventor State
INCO	Inventor Country
AS	Assignee Name
ASCI	Assignee City
ASST	Assignee State
ASCO	Assignee Country
PRCO	Priority Country
PRAN	Priority Application Number
PRAI	Priority Information
PTAN	PCT Application Number
PTPN	PCT Publication Number
REPN	Reissue Patent Number
REAN	Reissue Application Number
RLAN	Related Application Number
RLPN	Related Application Patent Number
ICLS	Issue Classification (including IOR and IXR)
CCLS	Current Classification (including COR and CXR)
FS	Field of Search
IPC	International Patent Classification
UREF	U.S. Patent References Cited
FREF	Foreign Patent References Cited
OREF	Other Publications References Cited
ATT	Attorney Name
In addition, none of the date fields are stopworded.	



## **Appendix F**

# **“Front Page” Searching**

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# United States Patent [19]

Hall et al.

[11] Patent Number: 5,567,840

[45] Date of Patent:

Oct. 22, 1996

.PN.

.PD., .PY.

.OREF.

[54] SUBSTITUTED AMINOALKYLPHOSPHINIC ACIDS

[75] Inventors: Roger G. Hall, Manchester, England; Ludwig Maier, Arlesheim; Wolfgang Frostl, Basle, both of Switzerland

.INCI.

.INCO.

[73] Assignee: Ciba-Geigy Corporation, Tarrytown, N.Y.

[21] Appl. No.: 461,090

[22] Filed: Jun. 5, 1995

.AY.

## Related U.S. Application Data

.RLPN.

[52] Division of Ser. No. 1,799, Nov. 4, 1993, Pat. No. 5,461,040, which is a division of Ser. No. 873,488, Apr. 22, 1992, Pat. No. 5,281,747, which is a continuation of Ser. No. 725,956, Jun. 27, 1993, abandoned, which is a continuation of Ser. No. 519,707, May 7, 1990, abandoned.

.RLAD.

## Foreign Application Priority Data

.PRAN.

.PRAD.

May 13, 1989 [GB] United Kingdom 8911017

.PRCO.

[52] U.S. Cl. 562/11

[51] Int. Cl.<sup>6</sup> C07F 9/30

[58] Field of Search 562/11

[56]

## References Cited

### U.S. PATENT DOCUMENTS

.UREF.

2,535,175	12/1950	Tawney	260/461
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3,493,693	2/1970	Balini	179/100.2
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3,784,590	1/1974	Firestone	260/944
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4,339,443	7/1982	Baillie et al.	424/200
4,390,690	6/1983	Di Giacoma et al.	528/395
4,399,287	8/1983	Bailue et al.	548/119
4,466,913	8/1984	Tsuruoka et al.	260/112.5 R

.FREF.

### FOREIGN PATENT DOCUMENTS

0181833	5/1986	European Pat. Off.
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0356128	2/1990	European Pat. Off.
166693	12/1964	U.S.S.R.
1351503	5/1974	United Kingdom

.FRCO.

.FRPD.

## OTHER PUBLICATIONS

Seabrook et al "Electrophysiological characterization of patent agonists and antagonists at pre- and postsynaptic GABA receptors on neurones in rat brain slices" Br. J. of Pharmacol (1990) vol. 101-909-957.

Lloyd et al "Upregulation of  $\gamma$ -Amino-butyric Acid (GABA) B Binding Sites in Rat Frontal Cortex: A Common Action of Repeated Administration of Different Classes of Antidepressants and Electroshock", The Journal of Pharmacology and Experimental Ther. vol. 23, No. 1 (1986) pp. 72-75.

Primary Examiner—Gary Geist

Assistant Examiner—Barbara S. Frazier

Attorney, Agent, or Firm—Marla J. Mathias; Henry P. Nowak

.XP.

.XA.

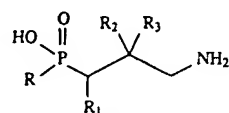
.ATT.

[57]

## ABSTRACT

.AB.

P-substituted aminoalkylphosphinic acids of the formula



wherein R denotes an optionally fluorinated methyl group, R<sub>1</sub> denotes hydrogen, lower alkyl, lower alkoxy, hydroxy, halogen or a fluorinated methyl group and R<sub>2</sub> and R<sub>3</sub> denote hydrogen or R<sub>2</sub> denotes hydroxy, lower alkoxy or halogen and R<sub>3</sub> is hydrogen or R<sub>2</sub> and R<sub>3</sub> together represent an oxo group, and their pharmaceutically acceptable salts are active as GABA<sub>B</sub>-agonists and can be used in the treatment of spinal spasticity, multiple sclerosis and cerebral palsy, trigeminal neuralgia, drug withdrawal syndromes and/or conditions of pain. They can be manufactured by methods known per se and suitable such methods are described.

17 Claims, No Drawings

Refer to the BRS Search Fields Chart for a complete listing of search fields that can be used in the USPT database. There are more fields than are shown here.

The default for BRS is EVERY field is retrieved if you do not qualify the index.

.AD. and .PD. refer to application date and publication date. Format is YYYYMMDD.  
.AY. and .PY. refer to application year and publication year. Format is YYYY.



# **Appendix G**

## **Pre-Defined Display Formats by Database**

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## Pre-defined Display Formats by Database

### US Patent Full-Text Database (USPAT)

Display Format	USPT
<b>FULL</b>	Entire Record (all available fields)
<b>TI</b>	Title: Patent Number, Document Identifier, Title
<b>FRO</b>	Front-Page: Patent Number, Document Identifier, Title, Publication Date, Inventor Data, Assignee Data, Disclaimer Date, Application Number, Application Date, Reissue Data, Related Application Data, Foreign Priority Data, PCT Data, IPC, US-CLASS-Issue, Current Classification, Current, Field of Search, References Cited, Art Unit, Primary Examiner, Assistant Examiner, Attorney-Agent-Firm, Abstract, Parent Case Text
<b>CIT</b>	Citation: Patent Number, Document Identifier, Title, Publication Date, Inventor Data, Current Classification
<b>REV</b>	Review: Patent Number, Document Identifier, Title, Publication Date, Inventor Data, Current Classification, Abstract
<b>CLS</b>	Classification: Patent Number, Document Identifier, Title, Publication Date, Current Classification, International Patent Classification, Issue Classification, Field of Search
<b>DATE</b>	Date: Patent Number, Document Identifier, Title, Publication Date, Current Classification, Disclaimer Date, Application Number, Application Date, Reissue Data, Related Application Data, Foreign Priority Data, PCT, Parent Case Text
<b>REF</b>	Reference: Patent Number, Document Identifier, Title, Publication Date, Inventor Data, International Patent Classification, US-CLASS-Issue, Current Classification, Field of Search, Ref-Cited, Art Unit, Primary Examiner, Assistant Examiner
<b>CLM</b>	Claims: Patent Number, Document Identifier, Title, Publication Date, Inventor Data, Current Classification, Claims, Design Claims
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname

## Derwent

<b>Display Format</b>	<b>Derwent</b>
<b>FULL</b>	Entire Record (all available fields)
<b>CIT</b>	Citation: Derwent-Acc-No, Derwent Week, Title, Inventor, Priority-Data, Patent-Family, and INT-CL
<b>CLS</b>	Classification: Derwent-Acc-No, Derwent Week, Title, Priority-Data, Patent-Family, INT-CL, Title Terms, Additional Indexing Terms, Derwent-Class, CPI Manual Codes, EPI Manual Codes, Chemical Indexing, Registry Numbers, Ring Index Numbers, Enhanced Polymer Indexing, Polymer Multipunch Codes & Key Serials, Related Accession Numbers, Secondary Accession Numbers and
<b>DATE</b>	Date: Derwent-Acc-No, Derwent Week, Title, Priority-Data, Patent-Family, Application-Data, Related Accession Numbers, INT-CL
<b>REF</b>	Reference: Derwent-Acc-No, Derwent Week, Title, Inventor, Priority-Data, Patent-Family, Designated States, Cited Documents, INT-CL, Related Accession Numbers, Secondary Accession Numbers
<b>REV</b>	Review: Derwent-Acc-No, Derwent Week, Title, Inventor, Priority-Data, Patent-Family, INT-CL, Abstract
<b>TI</b>	Title: Derwent-Acc-No, Derwent Week, Title
<b>FRO</b>	Front-Page: Entire Record (all available fields)
<b>CLM</b>	Claims: Derwent-Acc-No, Derwent Week, Title, Inventor, Priority Data, Patent Family Data, IPC, Abstract
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname

## EPO Abstracts

Display Format	EPAB
<b>FULL</b>	Entire Record (all available fields)
<b>TI</b>	Title: Publication No., Title
<b>CIT</b>	Citation: Publication No., Title, Publication Date, Inventor Data, IPC, EPC
<b>REV</b>	Review: Publication No., Title, Publication Date, Inventor Data, IPC, EPC, Abstract
<b>CLS</b>	Classification: Publication No., Title, Publication Date, IPC, EPC
<b>DT</b>	Date: Publication No., Title, Publication Date, IPC, EPC, Application No., Application Date, Priority Data,
<b>REF</b>	Reference: Publication No., Title, Publication Date, Inventor Data, IPC, EPC
<b>FRO</b>	Front-Page: Entire Record (all available fields)
<b>CLM</b>	Claims: Publication No., Title, Publication Date, Inventor Data, IPC, EPC, Abstract
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname

## JPO Abstracts

Display Format	JPAB
<b>FULL</b>	Entire Record (all available fields)
<b>TI</b>	Title: Publication No., Title
<b>CIT</b>	Citation: Publication No., Title, Publication Date, Inventor Data, IPC
<b>REV</b>	Review: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>CLS</b>	Classification: Publication No., Title, Publication Date, IPC
<b>DT</b>	Date: Publication No., Title, Publication Date, IPC, Application No., Application Date
<b>REF</b>	Reference: Publication No., Title, Publication Date, Inventor Data, IPC
<b>FRO</b>	Front-Page: Entire Record (all available fields)
<b>CLM</b>	Claims: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname

### All Foreign Databases (DWPI + EPAB + EJAB)

Display Format	Foreign Databases (DWPI+ EPAB + JPAB)
<b>FULL</b>	Entire Record (all available fields)
<b>TI</b>	Title: Displays the document title
<b>CIT</b>	Citation: Publication No., Title, Publication Date, Inventor Data, IPC
<b>REV</b>	Review: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>CLS</b>	Classification: Publication No., Title, Publication Date, IPC
<b>DT</b>	Date: Publication No., Title, Publication Date, IPC, Application No., Application Date
<b>REF</b>	Reference: Publication No., Title, Publication Date, Inventor Data, IPC
<b>FRO</b>	Front-Page: Entire Record (all available fields)
<b>CLM</b>	Claims: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname

### ALL Databases (USPT + DWPI + EPAB + JPAB)

Display Format	All Databases (USPT + DWPI+ EPAB + JPAB)
<b>FULL</b>	Entire Record (all available fields)
<b>TI</b>	Title: Displays the document title
<b>CIT</b>	Citation: Publication No., Title, Publication Date, Inventor Data, IPC
<b>REV</b>	Review: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>CLS</b>	Classification: Publication No., Title, Publication Date, IPC
<b>DT</b>	Date: Publication No., Title, Publication Date, IPC, Application No., Application Date
<b>REF</b>	Reference: Publication No., Title, Publication Date, Inventor Data, IPC
<b>FRO</b>	Front-Page: Entire Record (all available fields)
<b>CLM</b>	Claims: Publication No., Title, Publication Date, Inventor Data, IPC, Abstract
<b>KWIC</b>	KeyWord in Context: Paragraphs containing the search terms, with the paragraph's shortname